

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

EPA: P 121 664 292

MDNR: P 121 664 293

January 11, 1993

Ms. Bonnie Eleder - 5HE-12  
Remedial Project Manager  
CERCLA Enforcement Section  
U. S. Environmental Protections Agency  
230 S. Dearborn Street  
Chicago, IL 60604

**RECEIVED**  
JAN 15 1993

REMEDIAL & ENFORCEMENT  
RESPONSE BRANCH


Mr. Oladipo Oyinsan, Supervisor  
Michigan Dept. Natural Resources  
38980 Seven Mile Road  
Livonia, MI 48152

To Whom It May Concern:

I have attached copies of Inspection Reports for the Riverview site during the third and fourth quarters of 1992.

If there are any questions, please contact me.

Yours very truly,

  
D. P. Thiel  
Manager

Quality & Ecology Services

nd  
attachment

cc: Mr. Dennis J. Hall  
Chief Office of Litigation & Program Services  
Michigan Dept. of Natural Resources  
P.O. Box 30028  
Lansing, MI 48909

US EPA RECORDS CENTER REGION 5



406817

# ENVIRONMENTAL

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## PREVENTIVE MAINTENANCE

BASF Corporation  
TITLE: RIVERVIEW PROPERTY

CC No.: 30580  
INSPECTION FREQUENCY: QUARTERLY  
INSPECTION DUE 12/28/92

ROUTE Upon Completion To:  
Plant Engineer John J. Perlick  
Maint. Mgr. John J. Perlick  
Site Gen. Mgr. John J. Perlick  
Site Environ. John J. Perlick

DATE ISSUED/REVISED: 08/24/92  
CURRENT WORK ORDER:

Folder No.: 1490M3.RTE  
SHEET 1  
Eq Code: 3058000-00

### PROCEDURE

REPORT HERE - FINDINGS &  
ITEMS REPAIRED OR REQUIRED

FOLDER NUMBER: 1490M3.RTE

UPON REVIEW AND APPROVAL, RETURN THIS PM TO ENGINEERING FOR PREPARATION OF PRINTED REPORT AND FILING OF THIS PM.

THIS PM REQUIRES THE INSPECTOR TO LOOK AT MANY THINGS AND WALK OR DRIVE OVER A LARGE AREA. THE INSPECTOR SHOULD READ THIS PM COMPLETELY, PRIOR TO MAKING THE INSPECTION SO THAT NO WASTED EFFORT HAS TO OCCUR "GOING BACK".

#### I. Inspect entire fence.

- A. Fence must be completely intact, including 3 strands of barbed wire on top. All gates must be locked.

- I.A. Make a list of any broken barbed wire, broken or deformed fence, bent or damaged fence posts or rails, gate hinges, locks, etc.

OK

- B. Inspect signs on fence. Signs must face outward from property. The signs must be spaced at 100' intervals on all four sides of the property. The signs must be in good condition with 1-1/2" high letters.

- I.B. 1. Are signs spaced every 100 ft.? Yes x No

2. Make a list of missing, rusted, bent, illegible, etc., signs.

WARNING  
KEEP OUT

MANAGED INDUSTRIAL WASTE DISPOSAL AREA

#### II. Inspect vegetation from Jefferson/to the water and from the common property line with Firestone to the municipal ramp.

- A. Look for any "bare" areas (spots or areas which do not have plant life growing).

- II.A. List "bare" areas. Describe size and location of bare spot.

Bare spots at North Fenceline West of clay  
cap approximately 50 Sq.Ft., also along  
center ditch from JTs 23-29.

Bare 50 Sq.Ft. south of joint 12. Bare  
spot start joint 5 to 3 south of middle  
ditch.

Will seed in spring 4/1/93

- B. Measure the height of the vegetation. As the vegetation is measured, look for areas where growth is stunted.

- II.B. List the "average" height of the vegetation.

5"  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- III. Inspect the shoreline for stability.

- III. List any shoreline erosion, washing, other deterioration or accumulation of debris.

OK  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- IV. Review the integrity of the compacted clay cover.

- A. Inspect the entire area for the physical condition of the surface.

- IV.A. List any erosion, standing pools of water, weathering, change in drainage patterns, etc.

OK  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- B. Look for any deep-rooted vegetation (trees or other plant life which might or does have tap roots). Any vegetation which is taller than surrounding vegetation should be considered deep-rooted.

- IV.B. List deep-rooted vegetation.

None  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- V. Inspect the berm which is constructed along the common property line with Firestone. This berm is constructed to eliminate water flowing from the Firestone property onto the site.

- V. Is the berm at least 6 inches above the level of the Firestone property at the property line?

Yes X No     

Is there any evidence of water flowing from the Firestone property onto the site?

Yes      No X

VI. Inspect the two concrete drainage ditches on the site, one through the center and one at the northeast corner.

A. Look at overall condition of the ditches.

B. There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint 2: OK

Joint 4: OK

Joint 6: OK

Joint 8: OK

Joint 10: OK

VI.A. List any cracks in the concrete, leaking through the cracks, accumulated debris, standing water, etc.

Standing water whole length of middle ditch  
(frozen)  
Water (ice) color brown

VI.B. List condition of each joint.

Joint 1: OK

Joint 3: OK

Joint 5: OK

Joint 7: OK

Joint 9: OK

Joint 11: OK

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint 13: OK

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Joint 15: OK

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Joint 17: OK

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Joint 19: OK

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Joint 21: OK

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Joint 23: OK

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Joint 25: OK

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

VI.B. List condition of each joint.

Joint 12: OK

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Joint 14: OK

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Joint 16: OK

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Joint 18: OK

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Joint 20: OK

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Joint 22: OK

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Joint 24: OK

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Joint 26: OK

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint 27: G  
Crack in block between 27 & 28

Joint 29: G

There are four (4) joints in the north ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint B: OK

VII. Inspect each of the nine (9) monitoring wells for integrity.

VI.B. List condition of each joint.

Joint 28: G

Joint 30: G

Joint A: OK

Joint C: Needs Calking  
Will Address 4/1/93

Joint D: ok

VII. List any problems with the wells.

All OK

**ENVIRONMENTAL**

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FOLDER NO.: 1490M3.RTE

SHEET 6

Upon completion of this PM, it must be routed for signature/comments as indicated on page 1.

Inspected by: David W. Sheaves

Date Inspected: 12-9-92

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## PREVENTIVE MAINTENANCE

BASF Corporation

TITLE: Riverview Property

CC No.: 3058

INSPECTION FREQUENCY: 3 Months

INSPECTION DUE DATE: 9/30/92 (send to State June &amp; Dec.)

ROUTE Upon Completion To:  
Plant Engineer [Signature]  
Maint. Mgr. [Signature]  
Site Engr. [Signature] 10/1/92  
Site Gen. Mgr. [Signature] 10/3/92  
Site Environ. [Signature] 10/1/92

Date Issued: 8/85

Date Revised: 11/85 - LTB

Folder No.: 1490M3.RTE

Sheet 1 of 9

EQ. CODE: 00-00

UPON REVIEW AND APPROVAL, RETURN THIS PM TO  
ENGINEERING FOR PREPARATION OF PRINTED REPORT  
AND FILING OF THIS PM.

## PROCEDURE

REPORT HERE - FINDINGS &  
ITEMS REPAIRED OR REQUIRED

THIS PM REQUIRES THE INSPECTOR TO LOOK AT MANY THINGS AND WALK  
OR DRIVE OVER A LARGE AREA. THE INSPECTOR SHOULD READ THIS PM  
COMPLETELY PRIOR TO MAKING THE INSPECTION SO THAT NO WASTED  
EFFORT HAS TO OCCUR "GOING BACK".

## I. Inspect entire fence.

- A. Fence must be completely intact, including 3 strands of  
barbed wire on top. All gates must be locked.

I.A. Make a list of any broken  
barbed wire, broken or de-  
formed fence, bent or dam-  
aged fence posts or rails,  
gate hinges, locks, etc.

OK



CC No.: 3058

Folder No.: 1490M3.RTE

TITLE: Riverview Property

Sheet 2 of 9

## PROCEDURE

REPORT HERE - FINDINGS &  
ITEMS REPAIRED OR REQUIRED

- B. Inspect signs on fence. Signs must face outward from property. The signs must be spaced at 100' intervals on all four sides of the property. The signs must be in good condition with 1-1/2" high letters.

WARNING  
KEEP OUT  
MANAGED INDUSTRIAL WASTE DISPOSAL AREA

- I.B. 1. Are signs spaced every 100 ft.? Yes ☒ No ☐

2. Make a list of missing, rusted, bent, illegible, etc., signs.

none

- II. Inspect vegetation from Jefferson/to the water and from the common property line with Firestone to the municipal ramp.

- A. Look for any "bare" areas (spots or areas which do not have plant life growing).

- II.A. List "bare" areas. Describe size and location of bare spot.

<u>Size</u>	<u>Location</u>
30 ft <sup>2</sup>	S. Drainage Ditch
50 ft <sup>2</sup>	S. of joint #12, central
50 ft <sup>2</sup>	gate to shore line

- B. Measure the height of the vegetation. As the vegetation is measured, look for areas where growth is stunted.

- II.B. List the "average" height of the vegetation.

8"

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TITLE: Riverview Property

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## PROCEDURE

REPORT HERE - FINDINGS &  
ITEMS REPAIRED OR REQUIRED

III. Inspect the shoreline for stability.

III. List any shoreline erosion,  
washing, other deteriora-  
tion or accumulation of  
debris.good

IV. Review the integrity of the compacted clay cover.

A. Inspect the entire area for the physical condition  
of the surface.IV.A. List any erosion, standing  
pools of water, weathering,  
change in drainage patterns,  
etc.goodB. Look for any deep-rooted vegetation (trees or other  
plant life which might or does have tap roots). Any  
vegetation which is taller than surrounding vegetation  
should be considered deep-rooted.

IV.B. List deep-rooted vegetation.

none

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Folder No.: 1490M3.RTE

TITLE: Riverview Property

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## PROCEDURE

REPORT HERE - FINDINGS &  
ITEMS REPAIRED OR REQUIRED

V. Inspect the berm which is constructed along the common property line with Firestone. This berm is constructed to eliminate water flowing from the Firestone property onto the site.

V. Is the berm at least 6 inches above the level of the Firestone property at the property line?

Yes ☒ No ☐

Is there any evidence of water flowing from the Firestone property onto the site?

Yes ☐ No ☒

VI. Inspect the two concrete drainage ditches on the site, one through the center and one at the northeast corner.

VI.A. List any cracks in the concrete, leaking through the cracks, accumulated debris, standing water, etc.

~~No standing water~~ normal stains. ☒

A. Look at overall condition of the ditches.

B. There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint.

Joint 1: OKJoint 2: OK

*Popalao to Recount joints V-64919*

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TITLE: Riverview Property

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## PROCEDURE

REPORT HERE - FINDINGS &  
ITEMS REPAIRED OR REQUIRED

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is the joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint.Joint 3: Cracks between 3  
and 4 need caulkingJoint 4: Several cracks between  
4 and 5 need caulking.

ALL JOINTS  
will be  
REPAIRED  
under Release  
ORDER  
4-63789-R  
By PAPPALIS

Joint 5: OKJoint 6: OKJoint 7: OKJoint 8: Crack between 8 and  
9 needs caulkingJoint 9: 9-30: standing  
water; brown color,Joint 10: see 9Joint 11: see 4

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TITLE: Riverview Property

Sheet 6 of 9

## PROCEDURE

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ITEMS REPAIRED OR REQUIRED

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint.Joint 12: see ?Joint 13: Crack between 13 and 14 needs caulking.Joint 15: see ?Joint 17: see ?Joint 19: see ?

All joints  
will be  
repaired  
under release  
order  
4-63789-R  
By Pappalardo

Joint 14: see ?Joint 16: see ?Joint 18: see ?Joint 20: see ?

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TITLE: Riverview Property

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## PROCEDURE

REPORT HERE - FINDINGS &  
ITEMS REPAIRED OR REQUIRED

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint.Joint 21: see 9Joint 22: see 9Joint 24: see 9Joint 26: see 9Joint 28: see 9

All cracks  
will be  
repaired  
by Pappalardo  
under Release  
order #  
4-63789-R

Joint 23: Crack in concrete  
between 23 and 24  
needs caulkingJoint 25: Crack between 25  
and 26 needs caulking.Joint 27: Crack in concrete  
between 27 and 28 needs  
caulkingJoint 29: see 9

CC No.: 3058

Folder No.: 1490M3.RTE

TITLE: Riverview Property

Sheet 8 of 9

## PROCEDURE

REPORT HERE - FINDINGS &  
ITEMS REPAIRED OR REQUIRED

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each jointJoint 30: see 9

There are four (4) joints in the north ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint A: OKJoint B: OKJoint C: OKJoint D: OK

ENVIRONMENTAL

ENVIRONMENTAL

ENVIRONMENTAL

CC No.: 3058

Folder No.: 1490M3.RTE

TITLE: Riverview Property

Sheet 9 of 9

PROCEDURE

REPORT HERE - FINDINGS &  
ITEMS REPAIRED OR REQUIRED

VII. Inspect each of the nine (9) monitoring wells for integrity.

VII. List any problems with the wells.

*OK*

Upon completion of this PM, it must be routed for signature/comments as indicated on page 1.

Inspected by: *C. E. Anderson / D. W. Sleeves*

Date Inspected: *8/12/92*

ENVIRONMENTAL

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